



PRESSURE/DIFFERENTIAL PRESSURE TRANSDUCER - FDE28



Application

Digital pressure transducer for the measurement of excess pressure, negative pressure and differential pressure. This series' transmitter is well suited for a wide range of measurement tasks in the fields of heating and sanitary engineering. Typical areas of application: Differential pressure measurement between supply and return flow in heating systems or the surveillance of filters, compressors etc.

Technical Data

Pressure range (bar):	see table	
Nennndruck des Messsystems:	16 bar	
Max. Druckbelastung:	safe against excess pressure up to nominal pressure of the measurement system, (+) and (-)-sided	
Admissible ambient temperature:	0 °C ... +70 °C	
Max. Storage temperature:	70 °C	
Protection class:	IP54 acc. DIN EN 60529	
Electrical connection:	3-wire	3-wire
Power supply:	24 VDC / VAC	24 VDC / VAC
Admissible supply voltage:	15 ... 30VDC 20 ... 30VAC	15 ... 30VDC 20 ... 28VDC
Output signal:	4 ... 20 mA 0 ... 20 mA	0 ... 10V
Material:		
Housing:	Polycarbonat	
Pressure chamber:	Brass	
Diaphragm:	NBR / Viton®	

Differential pressure transmitter FDE28 (Product Group 2)

Description

Standard measuring ranges from 0-400 mbar to 0-6 bar without display
 Nominal pressure of measurement system: 16 bar
 Accuracy class 2.5
 Operating voltage 24 VAC/DC

Construction type

Measuring range
 0 ... 400 mbar
 0 ... 0,6 bar
 0 ... 1 bar
 0 ... 1,6 bar
 0 ... 2,5 bar
 0 ... 4 bar
 0 ... 06 bar

Order Code

8 3
 0 1
 0 2
 0 3
 0 4
 0 5
 0 6

Construction type

Pressure chamber/membrane sealing

Brass / NBR
 Brass / Viton®

M
 N

Standard

Pressure connections

Innenthread socket G 1/8
 Brass compression ring fitting for 6 mm tube
 Brass compression ring fitting for 8 mm tube

0 0
 2 8
 2 9

Standard

Electrical connection

5 m numbered cable

5

Standard

Electrical output signal

0 ... 20 mA / 3-wire Connection
 0 ... 10V / 3-wire Connection
 4 ... 20 mA / 3-wire Connection

A
 C
 P

Standard

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